

**ABSTRACT OF THE DISCLOSURE**

A data transmission system which is particularly useful for a remote control apparatus for an electric fence. The apparatus includes a portable hand held housing with a contact 16 which in use can contact a conductor of an electric fence line. The output of the apparatus includes a resonating circuit comprising inductor L, transformer 14 and a small high voltage capacitor C2. The apparatus can thus generate information embedded within a series of short signal bursts of a frequency within a predetermined frequency range. A receiver coupled to or forming part of an electric fence energiser can receive a signal from the apparatus to control operation of the energiser.